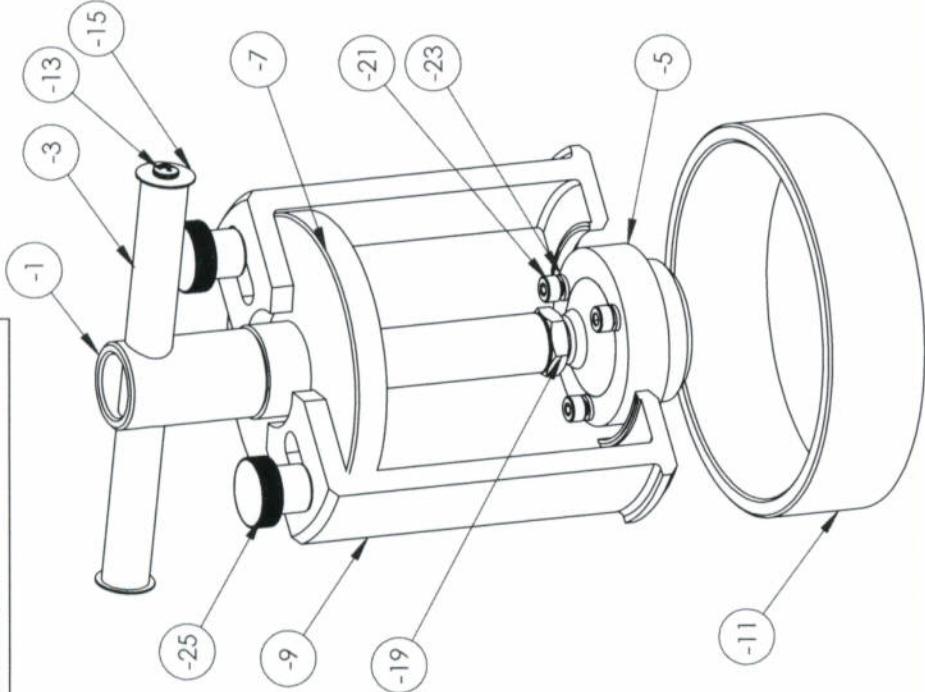


**FILE COPY**



ASSY	ASSY QTY	ASSY B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	-1	/	1	HANDLE		$\varnothing 1 \times 5\frac{1}{4}$		2
	-3	/	1	BAR		$\varnothing 1\frac{1}{2} \times 4\frac{7}{8}$		3
	-5	/	1	FOOT		BRASS $\varnothing 2 \times 1$		4
	-7	/	1	DISC		$\varnothing 3\frac{1}{2} \times 1\frac{3}{16}$		5
	-9	/	2	JAW		$\varnothing 4\frac{1}{8} \times 4.00$		6
	-11	/	1	RING		$\varnothing 4\frac{1}{4} \times .250$ WALL X 1:1/4		7
B/O	-13	2		MACHINE SCREW		McMASTER-CARR #90272A144		1
B/O	-15	2		FLAT WASHER		McMASTER-CARR #91090A100		1
B/O	-19	1		FOOT PAD		J.W. WINCO #10NTNS		2
B/O	-17	1		SPRING PLUNGER		McMASTER-CARR #3408A109		1
B/O	-21	3		SOCKET HEAD CAP SCREW		McMASTER-CARR #91290A139		1
B/O	-23	3		LOCK WASHER		McMASTER-CARR #91190A520		1
B/O	-25	2		KNOB		McMASTER-CARR #61165KA1		1

REVISIONS	DESCRIPTION	DATE	INITIAL APPROVED

**RB** RED BARN MACHINE

**PWS BEARING REMOVAL TOOL**

DWG NO. T-8818842000 *1.2* REV *1.2*

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DIMENSIONS ON DECIMALS

XX.X ± .005

XX.X ± .01

XX.X ± .1

ANGLES ± 5°

1. BREAK ALL SHARP EDGES

.015 x .45° PR. .015 R

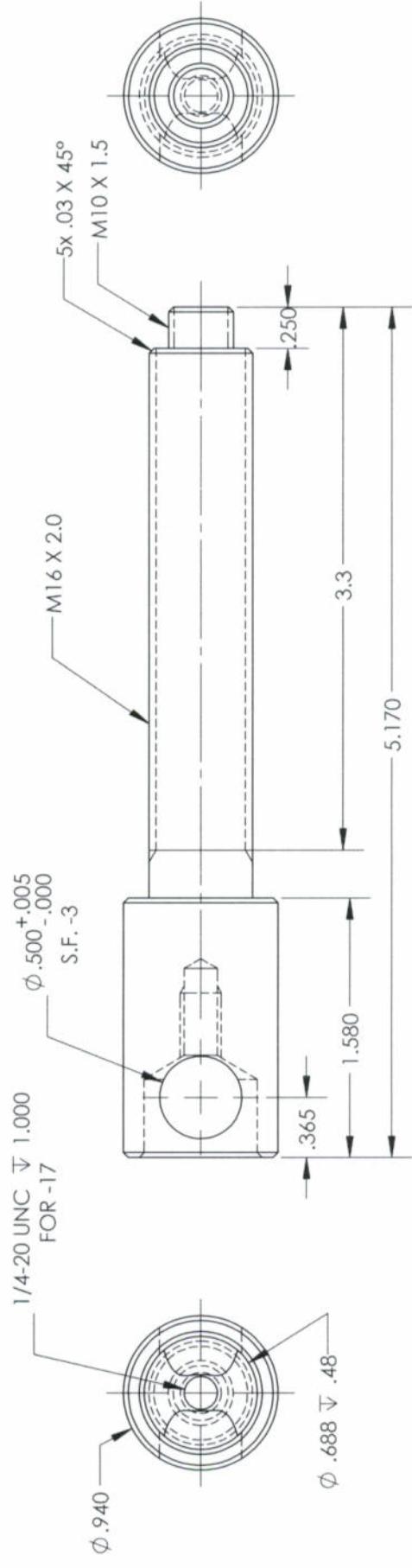
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

USED ON MODEL

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REV	REV/DRAFT
DATE	10/22/2011
INITIAL	00000000

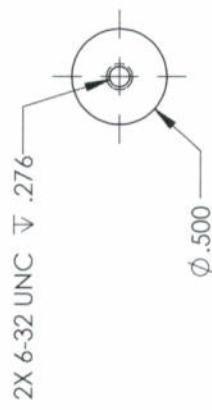
## FILE COPY



<b>RB RED BARN MACHINE</b>	
<b>PWS BEARING REMOVAL TOOL</b>	
REV	
REV NO.	T-8818842000-1
DRAWN BY: C.CLOUGH	
APPROVED <i>D.Well</i>	
FEAT. TREAT.	
FINISH	
SPEC	
BLACK OXIDE	
USED ON MODEL	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR 015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	1:1
DATE	11/22/2011
SHEET 2 OF 7	

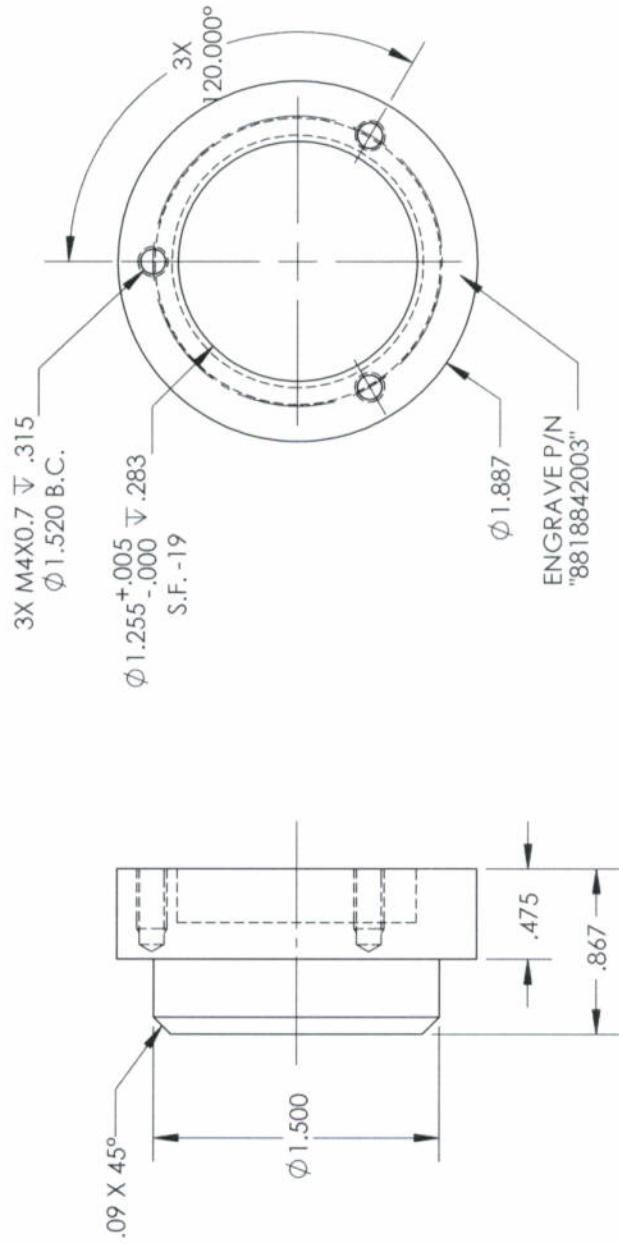
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FILE COPY



REF ID:	PREVIOUS	DESIGNER:	DATE:	FINAL	APPROVED
TITLE			REV		
PWS BEARING REMOVAL TOOL			T-8818842000-3		
DWG NO.	DRAWN BY: CLOUGH		APPROVED		REV
UNLESS OTHERWISE SPECIFIED					
DIMENSIONS ARE IN INCHES					
TOLERANCES ON:					
DECIMALS	XXX	XX	XX	XX	XX
.005	± .005	± .01	± .1	± .1	± .1
FRACTIONS ± 1/32					
ANGLES ± 5°					
HEAT TREAT FINISH BLACK OXIDE SPEC					
1. BREAK ALL SHARP EDGES					
0.015 X 45° PR. 0.015 R					
2. DIMENSIONAL LIMITS APPLY AFTER PLATING					
SCALE	USED ON MODEL	DATE	11/22/2011	SHEET 3 OF 7	

**FILE COPY**



⑤  
FOOT

REV/C	REV/D
DATE: 09/14/11	DATE: 11/22/2011
INITIAL	INITIAL
REVISIONS	
TITLE: <b>PWS BEARING REMOVAL TOOL</b>	
DWG NO.	T-8818842000-5
REV	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	
.XX ± .005	
.XX ± .01	
.X ± .1	
FRACTIONS ± 1/32	
ANGLES ± 5°	
SPEC	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR. 015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	1:1
DATE	11/22/2011
SHEET 4 OF 7	

RB RED BARN MACHINE

REV  
T-8818842000-5

REV  
C. CLOUGH  
D. Will

APPROVED  
HEAT  
TREAT  
FINISH  
SPEC  
USED ON MODEL

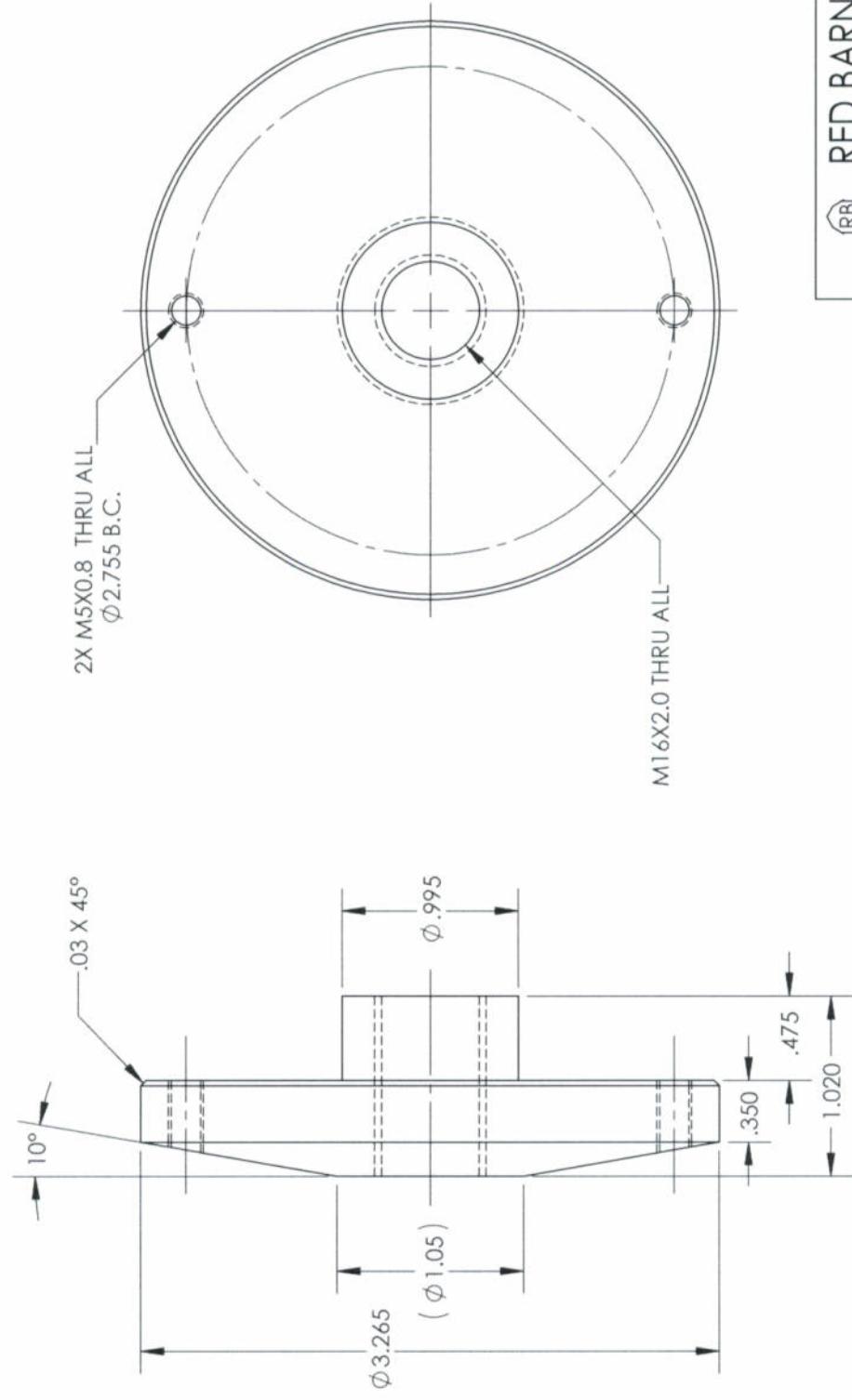
UNLESS OTHERWISE SPECIFIED  
1. BREAK ALL SHARP EDGES  
.015 x 45° PR. 015 R  
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

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REV/C

DEC-08/07/04

**FILE COPY**



(-7)  
DISC

**RB RED BARN MACHINE**

**PWS BEARING REMOVAL TOOL**

DRAWING NO. T-8818842000-7 REV

DRAWN BY: CLOUGH APPROVED *D. West*

TOLENCES ON: DECIMALS .005 .01 .1

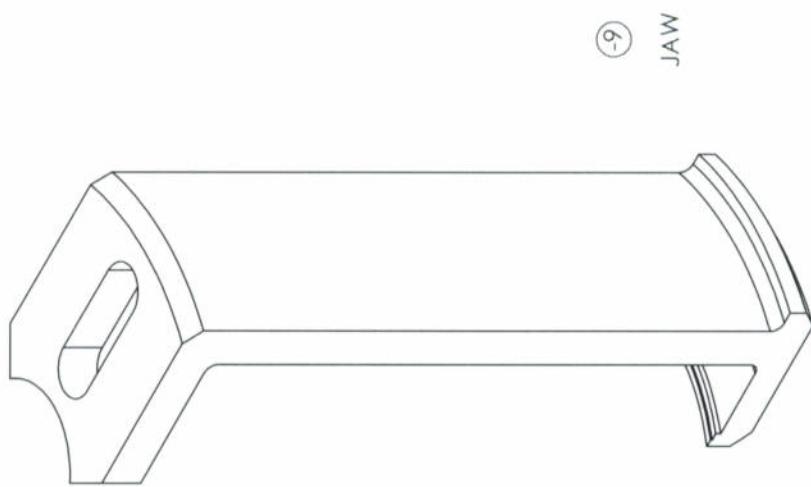
FRACTIONS ± 1/32 ± .005 ± .01 ± .1

HEAT TREATMENT: BLACK OXIDE

SPEC: USED ON MODEL

1. BREAK ALL SHARP EDGES  
0.015 X 45° PR. 0.015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING  
SCALE 1:1 DATE 11/22/2011 SHEET 5 OF 7



RED BARN MACHINE

PWS BEARING REMOVAL TOOL

DWG NO. T-88842000-9 REV

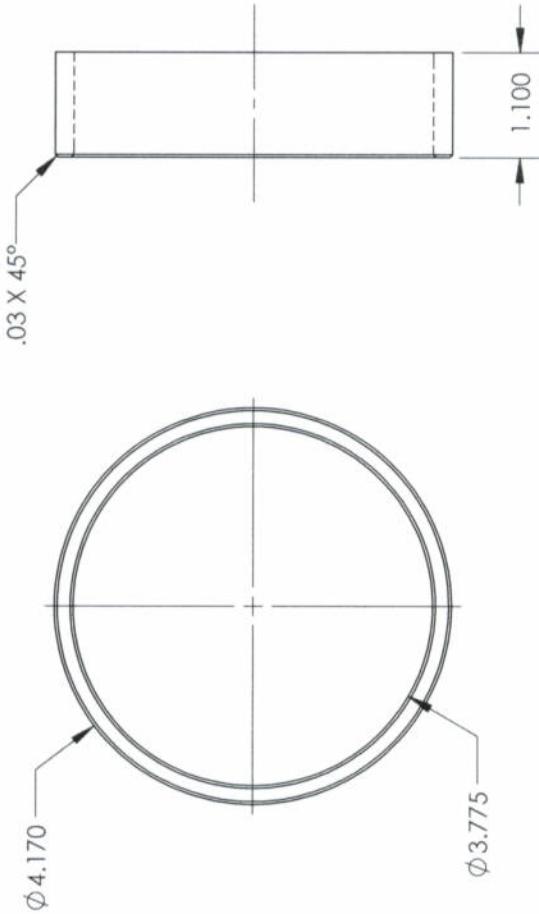
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS      XXX  $\pm$  .005  
XX  $\pm$  .004  
X  $\pm$  .003  
DRAWN BY: CLOUGH  
APPROVED *D. Neel*  
HEAT TREAT FINISH  
FRACTIONS  $\pm$  1/32  
BLACK OXIDE

			BLACK OXIDE
X	$\pm .01$	ANGLES $\pm .5^\circ$	SPEC
X	UNLESS OTHERWISE SPECIFIED	1. BREAK ALL SHARP EDGES	USED ON MODEL
	.015 X .45" PR. 015 R	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	4-4 "	DATE	4-4-2020-14

Technical drawing of a mechanical part with the following dimensions and features:

- Left View:** Shows a curved profile with radii  $R1.150$  and  $R1.190$ . The overall width is  $1.180$ . The thickness is  $.250$ . The bottom edge has a fillet of  $\phi 4.030$  and a width of  $3X.09 \times 45^\circ$ . The top edge has a width of  $\phi 3.770$ .
- SECTION B-B:** Shows a cross-section with a height of  $1.425$  and a width of  $.250$ .
- SECTION C-C:** Shows a cross-section with a height of  $.227$  and a width of  $.195$ . The scale is  $1:1$ .
- Right View:** Shows a cross-section with a height of  $3.99$  and a width of  $.195$ . The top edge has a fillet of  $3X R.06$ . The bottom edge has a fillet of  $R.500$ . The overall width is  $1.180$ . The thickness is  $.315$ . The bottom edge has a fillet of  $.120$  and a width of  $.890$ . The top edge has a width of  $1.745$ .
- SECTION A-A:** Shows a cross-section with a height of  $.21 \times 45^\circ$  and a width of  $.237$ . The scale is  $3.300$ .

FILE COPY



(-1)

RED BARN MACHINE

PWS BEARING REMOVAL TOOL

DWG NO. T-8818842000-11 REV

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS  
.005  
.01  
.1  
FRACTIONS ± 1/32  
.015 x 45° PR 015 R  
.015 x 45° PR 015 R  
ANGLES ± 5°  
SPEC  
1. BREAK ALL SHARP EDGES  
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

DRAWN BY: C. CLOUGH  
APPROVED *D. Neill*  
TEAT  
TEAT  
BLACK OXIDE  
USED ON MODEL  
SCAL 1:2 DATE 11/22/2011 SHEET 7 OF 7